Index of Claims

| Applica | ation/C | ontrol No. |
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Srirama Channavajjala

10/607,811 Examiner

Applicant(s)/Patent under Reexamination

SLACKMAN, RICHARD O.

Art Unit

2166

Rejected

Allowed

| - | (Through numeral)<br>Cancelled |
|---|--------------------------------|
|   | Postricted                     |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla         | aim      | Γ            |          |          | -        | Date         | <u> </u>     |                                     |          |              | 1   | Cla   | aim      | Γ            |          |               | [   | Date       | <u>-</u> - |  | _ |
|-------------|----------|--------------|----------|----------|----------|--------------|--------------|-------------------------------------|----------|--------------|-----|-------|----------|--------------|----------|---------------|---|------------|------------|--|---|
| Final       | Original | 1/18/06      |          |          |          |              |              |                                     |          |              |     | Final | Original | 1/18/06      |          |               |   |            |            |  | Ī |
| _           |          |              |          |          |          |              |              |                                     |          |              |     | 1     |          | L            |          |               |   | L          | L          |  | L |
| <u> </u>    | 1        | 1            | <u> </u> | <b>-</b> | <u> </u> | ┡            | ┡            |                                     | <u> </u> | -            | 1   |       | 51       | 1            | _        | <u> </u>      | ┡   | <u> </u>   | ⊢          | ⊢  | ╀ |
| <u> </u>    | 2        | _            | -        | ⊢        | L        | -            | <b> </b>     | _                                   | -        | ļ            | 1   | _     | 52       | ⊢            |          | _             |   | _          | ⊢          | ⊢  | ╀ |
|             | 3        | <u> </u>     | <u> </u> | ├        | -        | ┝            | <del> </del> | <del> </del> —                      | ⊢        | ⊢            | 1   |       | 53<br>54 | <u> </u>     | _        | _             | L   | <u> </u>   | ⊢          | ⊢  | ╀ |
|             | 5        | <u> </u>     | ⊢        | ⊢        | ⊢        | ⊢            | -            | ├                                   | -        | <u> </u>     | 1   |       |          | ⊢            | -        | ⊢             | -   | -          | ⊢          | -  | ╀ |
| <u> </u>    | 6        | _            | H        | -        | ⊢        | ├            | ⊢            | -                                   | -        | -            | 1   |       | 55<br>56 | <del> </del> | _        | -             | -   | ⊢          | ⊢          | ├  | ╀ |
| ⊢—          | 7        | $\vdash$     | ⊢        | ⊢        | ┢        | ⊢            | ├            | ├                                   | -        | -            | 1   |       | 57       | ⊢            | -        | -             | ┝   | ├          | ┢          | ⊢  | ╀ |
| ├─          | 8        | $\vdash$     | -        | ┝        | ┝        | ┢            | ┝            |                                     | -        | -            | 1   |       | 58       | $\vdash$     |          |               | ⊢   | ┢          | ⊢          | ⊢  | ╁ |
| <u> </u>    | 9        | $\vdash$     | ┢        | $\vdash$ | ╁        | ┢            | ⊢            | $\vdash$                            | ┝        | $\vdash$     | 1   |       | 59       | ⊢            | -        | $\vdash$      | Н   | $\vdash$   | ⊢          | ⊢  | t |
| <u> </u>    | 10       | ⊢            | -        | -        | ╁╌       | ┢            | -            | ┢                                   |          | ⊢            | 1   |       | 60       | 1            | -        | -             | ┢   | ┢┈         | ⊢          | ╁  | t |
|             | 11       | _            | ┢        | -        | ┢        | <del> </del> | -            | ╁                                   |          | 1            | 1   |       | 61       | H            |          |               |   | $\vdash$   | H          | Н  | t |
|             | 12       |              | $\vdash$ | Т        | Г        |              | _            |                                     | _        |              | 1   |       | 62       |              |          |               | Н   |            | Г          | Т  | t |
|             | 13       |              | $\vdash$ | _        |          | T            |              |                                     |          | Т            | 1   |       | 63       | $\vdash$     | -        |               |   |            | $\vdash$   | $\vdash$   | T |
|             | 14       | Т            | Г        | Т        | T        | $\vdash$     | Г            |                                     |          | Г            | 1   |       | 64       | $\Box$       |          | $\overline{}$ | Г   | Г          | Т          | ┌  | T |
|             | 15       |              |          |          |          | Ì            |              |                                     |          |              | ĺ   |       | 65       |              |          |               |   |            |            | Г  | T |
|             | 16       |              |          |          |          |              |              |                                     |          |              | ]   |       | 66       |              |          |               |   |            |            |  | Γ |
|             | 17       |              |          |          |          |              |              |                                     |          |              | ]   |       | 67       |              |          |               |   |            |            |  | Γ |
|             | 18       |              | Ĺ        | L        | L        |              | L            |                                     | L        |              |     |       | 68       |              |          |               |   |            |            |  | L |
| L           | 19       |              | 匚        |          |          | <u> </u>     | 匚            | <u> </u>                            | L        | 匚            | ]   |       | 69       | <u></u>      |          |               | <u> </u>  | 匚          | _          | <u> </u>   | L |
|             | 20       | L            | L        | _        |          | 辶            | 匚            | _                                   | ᆫ        | L            |     |       | 70       | 乚            |          | L             | L   | L          | L          | _  | L |
| <u> </u>    | 21       | $oxed{oxed}$ | Щ        | ╙        | ╙        | ╙            | L            | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Щ        | L_           | Į   |       | 71       | <u> </u>     |          | L             |   |            | _          | _  | L |
|             | 22       | _            | <u> </u> | _        | _        | ╙            | ╙            | <u> </u>                            | _        | $oxed{oxed}$ | Į   |       | 72       | _            | $\vdash$ |               | ╙   | lacksquare | _          | <b>!</b> _                                       | Ļ |
|             | 23       |              | ┡        | <u> </u> | L        | ▙            | L            | <u> </u>                            | _        | ┡            | l I |       | 73       | <u> </u>     |          | _             | <u> </u>  | ļ          | ┡          | ├-   | ╀ |
| <u> </u>    | 24<br>25 | _            | -        | ┢        | ⊢        | ┢            | ┝            | -                                   | -        | ┝            | {   |       | 74<br>75 | ⊢            |          | -             | -   | -          | ⊢          | ┢  | ╀ |
|             | 26       | ⊢            | ├        | -        | ⊢        | ┢            | ⊢            | -                                   | ⊢        | ┝            | {   |       | 76       | ┝            | ⊢        | -             | ⊢   | -          | ⊢          | ⊢  | ╀ |
| <u> </u>    | 27       | -            | -        | ┢        | ├-       | ┢            | ⊢            | -                                   | -        | ⊢            | 1   |       | 77       | ⊢            | H        | $\vdash$      | H   | H          | ⊢          | ⊢  | ╀ |
| $\vdash$    | 28       | $\vdash$     | $\vdash$ | $\vdash$ | ┢        | ⊢            | $\vdash$     | -                                   | -        | ┢            | 1   |       | 78       | ┢            | -        | -             | $\vdash$  | -          | H          | ┢  | H |
|             | 29       | -            | _        | ┢        | ┢        | ┢            | $\vdash$     | _                                   | $\vdash$ | Н            | 1   | _     | 79       | ┢            | _        |               | $\vdash$  | $\vdash$   | ┢          | ┢  | t |
|             | 30       | _            |          | ┢        | 1-       | Н            |              | Т                                   |          | $\vdash$     | 1   |       | 80       | T            |          |               | Н   | Н          | $\vdash$   | T  | t |
|             | 31       |              | Г        | Г        | ऻ        | Г            | Г            |                                     | $\vdash$ | Г            | 1   |       | 81       |              |          |               | Т   | Г          | Т          | T  | t |
|             | 32       |              |          | Г        |          | Г            |              |                                     |          |              | 1   |       | 82       |              |          |               |   |            | Г          |  | T |
|             | 33       |              |          |          |          |              |              |                                     |          |              |     |       | 83       |              |          |               |   |            |            |  | Γ |
|             | 34       |              |          |          |          |              |              |                                     |          |              | ]   |       | 84       |              |          |               |   |            |            |  | Γ |
|             | 35       | L            | L        |          | L        |              |              | _                                   |          | L            | ]   |       | 85       | $oxed{oxed}$ |          |               | $ldsymbol{le}}}}}}$ | Ĺ          | 匚          |  | L |
| <u> </u>    | 36       |              | L        |          | L        | L            | L            | L                                   | ᆫ        |              | Į   |       | 86       |              |          |               | <u> </u>  | L          | 匚          | ┖  | L |
|             | 37       | L            |          |          | L        | L            | _            | L                                   | $\perp$  | L            |     |       | 87       |              |          |               | _   | _          | _          | <u> </u>   | L |
| <u> </u>    | 38       | _            |          |          | ╙        | L            | ╙            | ╙                                   | L        | <u> </u>     |     |       | 88       | <u> </u>     | Ш        |               |   |            | <u> </u>   | ╙  | Ļ |
| <u> </u>    | 39       |              | _        | <u> </u> | <u> </u> | _            | <u> </u>     | L                                   |          | <u> </u>     |     |       | 89       | _            |          |               | <u> </u>  |            | <u> </u>   | ├_   | Ļ |
| <u> </u>    | 40       | L            | _        | ⊢        | ⊢        | L            | _            | ⊢                                   | ⊢        | ┞            |     |       | 90       | <u> </u>     |          |               | <u> </u>  | <u> </u>   | <u> </u>   | ⊢  | L |
|             | 41<br>42 | _            | _        | $\vdash$ | ┝        |              |              | -                                   | ⊢        | ┝            |     |       | 91<br>92 | H            | _        |               | -   | ļ. —       | ⊢          | ⊢  | ┞ |
| <u> </u>    | 43       | ┝            |          |          | ⊢        | ⊢            | $\vdash$     | -                                   | H        | ⊢            | 1   |       | 93       | Н            | _        |               | ⊢   | _          | -          | ⊢  | ┝ |
| <del></del> | 44       | $\vdash$     | $\vdash$ |          | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$                            | $\vdash$ | ├-           |     |       | 94       | $\vdash$     | $\vdash$ | _             | $\vdash$  | ⊢          | ┢          | ├-   | ╁ |
| $\vdash$    | 45       | $\vdash$     | $\vdash$ | $\vdash$ | ┢        | $\vdash$     | $\vdash$     | $\vdash$                            | $\vdash$ | ┢═           |     |       | 95       | $\vdash$     | $\vdash$ | _             | $\vdash$  | $\vdash$   | $\vdash$   | $\vdash$   | H |
| _           | 46       | $\vdash$     | H        | Н        | $\vdash$ | Н            | -            | $\vdash$                            | $\vdash$ | 一            |     |       | 96       | $\vdash$     | $\dashv$ | _             | $\vdash$  | $\vdash$   | $\vdash$   | <del>                                     </del> | H |
|             | 47       | Н            | $\vdash$ | $\vdash$ | ┢        | Н            | Н            | $\vdash$                            | H        | H            |     |       | 97       |              |          | _             | $\vdash$  | $\vdash$   | H          | $\vdash$   | H |
|             | 48       | П            | Н        | Т        | $\vdash$ | Г            | Н            | Т                                   | $\vdash$ | $\vdash$     |     |       | 98       | $\vdash$     |          |               |   | Н          | $\vdash$   | Ι-   | t |
|             | 49       | П            | Г        |          | Г        | Т            | П            |                                     | П        | T            | 1   |       | 99       |              |          |               | Н   | Т          | $\vdash$   | T  | t |
|             | 50       | 7            |          |          |          |              |              |                                     |          |              | j   |       | 100      |              |          |               |   |            |            |  | T |
|             |          |              | _        |          |          |              | _            |                                     |          |              |     |       |          | _            |          |               |   | _          |            |  | _ |

|          | Claim    |   |  |                    |          | Jan      | _          |                              |                                     |          |
|----------|----------|---|--|--------------------|----------|----------|------------|------------------------------|-------------------------------------|----------|
| Final    | Original | 1/18/06   |  |                    |          |          |            |                              |                                     |          |
| $\vdash$ | 51       | 1   | -  | ┢                  |          |          | -          | Н                            | $\vdash$                            | ┝        |
|          | 52       | Ļ   | ⊢  | ⊢                  | Н        | $\vdash$ | ⊢          | $\vdash$                     | ⊢                                   | $\vdash$ |
| -        | 52<br>53 | ⊢   | $\vdash$   | H                  | H        |          | $\vdash$   |                              | $\vdash$                            | $\vdash$ |
| -        | 54       | ⊢   | ⊢  | ⊢                  | $\vdash$ | ⊢        | ⊢          | ⊢                            | $\vdash$                            | $\vdash$ |
| -        | 54<br>55 | H   | $\vdash$   | ⊢                  | $\vdash$ | -        | -          | ┝                            | H                                   | -        |
|          | 50       | ┝   | -  | ┝                  | -        | -        | ⊢          | -                            | ⊢                                   | -        |
| <b>—</b> | 56       | ⊢   | <u> </u>   | ┝                  | -        | <u> </u> | ├          | ⊢                            | ⊢                                   | <u> </u> |
| <u> </u> | 57       | L   | ┡  | ⊢                  | ⊢        | ┡        | $\vdash$   | ⊢                            | ⊢                                   | L        |
| <u> </u> | 58       | <u> </u>  | <u> </u>   | ┡                  | $\vdash$ | _        | L          | ┡                            | <u> </u>                            | L        |
| ļ        | 59       | Ļ   | ╙  | <u> </u>           | L_       | <u> </u> | _          | <u> </u>                     | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L.       |
| L.       | 60       | 1   | _  | <u> </u>           | <u> </u> |          | _          | ╙                            | ╙                                   |          |
|          | 61       | <u> </u>  | L_   | 匚                  | Щ        |          | _          | L                            | ╙                                   |          |
|          | 62<br>63 | 辶   | $ldsymbol{ld}}}}}}$ | L                  | L        | L        | _          | L                            | L                                   |          |
|          | 63       | $oxed{oldsymbol{ol}}}}}}}}}}}}}}}}}}$ |  | L                  |          |          |            |                              |                                     |          |
|          | 64       |   |  |                    |          |          |            |                              |                                     |          |
|          | 65       |   |  |                    |          |          |            |                              |                                     |          |
|          | 66       |   |  |                    |          |          |            |                              | $L^-$                               |          |
|          | 67       |   |  |                    |          |          |            | Г                            | Г                                   |          |
|          | 68       |   |  |                    |          |          |            | Г                            | Г                                   |          |
|          | 68<br>69 |   |  |                    |          |          | Г          | Г                            |                                     |          |
|          | 70       | Г   |  | Г                  | Г        |          |            | $\vdash$                     | $\vdash$                            | $\vdash$ |
|          | 71       | Т   | $\vdash$   | Н                  | _        | Т        | Н          | _                            | Т                                   | _        |
|          | 72       | Ι   | $\vdash$   | ┢                  | -        |          | $\vdash$   | $\vdash$                     | ┢                                   | _        |
| -        | 73       | $\vdash$  | ⊢  | ⊢                  | $\vdash$ | $\vdash$ | H          | ┢                            | $\vdash$                            |          |
| $\vdash$ | 74       | ┢   | ⊢  | ⊢                  | $\vdash$ | -        | $\vdash$   | -                            | Н                                   | -        |
| -        | 74<br>75 | ⊢   | $\vdash$   | ⊢                  | H        | $\vdash$ | $\vdash$   |                              | -                                   | $\vdash$ |
|          | 76       | ┝   | $\vdash$   | ┝                  | $\vdash$ | ├        | ⊢          | $\vdash$                     | $\vdash$                            | $\vdash$ |
|          | 76<br>77 | ⊢   | ⊢  | ⊢                  | H        | -        | ⊢          | Н                            | Н                                   | H        |
| -        | 70       | -   |  | H                  |          | -        | _          | Н                            | Н                                   | -        |
| -        | 78       | -   | ⊢  | ⊢                  | _        | _        | <u> </u>   | -                            | $\vdash$                            | _        |
| -        | 79       | <u> </u>  | <u> </u>   | H                  |          | _        | _          |                              |                                     |          |
| -        | 80       | _   | ╙  | _                  |          | <u> </u> | _          | L                            | ┡                                   |          |
| -        | 81       | L   | <u> </u>   | <u> </u>           | _        | _        | _          | <u> </u>                     | _                                   | _        |
|          | 82<br>83 | <u> </u>  | Щ  | $\vdash$           |          | $\vdash$ | ldash      | Щ                            | $\vdash$                            | $\vdash$ |
| <u> </u> | 83       | _   | L  | _                  |          |          | lacksquare |                              | L                                   | Ш        |
| <u></u>  | 84       | _   | L  | <u> </u>           | <u> </u> | L_       | <u> </u>   | L_                           | L                                   |          |
| <u></u>  | 85       | $ldsymbol{ldsymbol{ldsymbol{eta}}}$   | Ш  | $ldsymbol{\sqcup}$ | Щ        | <u> </u> | 匚          | $ldsymbol{ldsymbol{\sqcup}}$ | $\vdash$                            | $\sqcup$ |
|          | 86       | Ш   | Ш  | L                  | Щ        | Ш        | Щ          | Ш                            | L                                   | Ш        |
|          | 87       | Ш   |  |                    |          | L_       | _          | Ш                            | L                                   |          |
|          | 88       |   |  |                    | لسا      |          |            |                              |                                     |          |
|          | 89       |   |  |                    |          |          |            |                              |                                     |          |
|          | 90       |   |  |                    |          |          |            |                              |                                     |          |
|          | 91       |   |  |                    |          |          |            |                              |                                     |          |
|          | 92<br>93 |   |  |                    |          |          |            |                              |                                     |          |
|          | 93       |   |  |                    |          |          |            |                              |                                     |          |
|          | 94       |   |  |                    |          |          |            |                              |                                     |          |
|          | 95       |   |  |                    |          |          |            |                              |                                     |          |
|          | 96       |   |  |                    |          |          |            |                              |                                     |          |
|          | 97       |   |  |                    |          |          |            |                              |                                     |          |
|          | 98       | П   |  | П                  |          |          |            |                              |                                     | $\Box$   |
|          | 99       | П   |  |                    | П        | П        | П          |                              |                                     | П        |
|          | 100      | $\vdash$  |  |                    | Н        |          |            |                              |                                     | Н        |

| Cla   | aim                      |          |          |              | (            | Date     | •        |          |               |          |  |  |
|-------|--------------------------|----------|----------|--------------|--------------|----------|----------|----------|---------------|----------|--|--|
| Final | Original                 |          |          |              |              |          |          |          |               |          |  |  |
|       | 101                      |          |          |              |              |          |          |          |               |          |  |  |
|       | 102<br>103               |          |          |              |              |          |          |          |               |          |  |  |
|       | 103                      | _        | _        |              |              |          | <u> </u> | <u> </u> | L             |          |  |  |
|       | 104                      |          |          |              | -            | <u> </u> | <u> </u> | <u> </u> | H             | Н        |  |  |
|       | 105<br>106               | $\vdash$ | H        |              | $\vdash$     | $\vdash$ | H        | ⊢        | H             | Н        |  |  |
|       | 107                      | $\vdash$ | H        | $\vdash$     | $\vdash$     | $\vdash$ | ┢        | ┢        | H             | Н        |  |  |
|       | 108<br>109               |          | Г        |              |              |          |          |          |               |          |  |  |
|       | 109                      |          |          |              |              |          |          |          |               |          |  |  |
|       | 110                      | _        | L        |              |              | <u> </u> | _        |          |               | Щ        |  |  |
|       | 111                      | L        | _        | <u> </u>     | _            | L        | <u> </u> | <u> </u> | ┡             | Н        |  |  |
|       | 112                      | $\vdash$ | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$      | Н        |  |  |
| -     | 113<br>114               | $\vdash$ | $\vdash$ | -            | $\vdash$     | $\vdash$ | $\vdash$ | $\vdash$ | $\vdash$      | Н        |  |  |
|       | 115                      | H        |          | T            | $\vdash$     | $\vdash$ | T        | T        | T             | H        |  |  |
|       | 116<br>117               |          |          |              |              |          |          |          |               |          |  |  |
|       | 117                      |          |          |              |              |          |          |          |               |          |  |  |
|       | 118                      | _        | _        | _            | _            | <u> </u> | <u> </u> | <u> </u> | L_            | Щ        |  |  |
|       | 119<br>120               | $\vdash$ | _        | ⊢            | ┝            | ├        | ┝        | ┝        | ⊢             | Н        |  |  |
|       | 121                      | -        | _        | -            | -            | -        | ┝        | ┝        | H             | Н        |  |  |
|       | 122                      | H        | -        | <del> </del> | <del> </del> | <u> </u> | <u> </u> |          | <del> -</del> | Н        |  |  |
|       | 122<br>123<br>124<br>125 |          |          | ┢            | ┢╌           | $\vdash$ | H        | <u> </u> | Ι-            | М        |  |  |
|       | 124                      |          |          |              |              |          |          |          |               |          |  |  |
|       | 125                      |          |          | L            | L            | <u> </u> | <u> </u> | ldash    | <u> </u>      | Щ        |  |  |
|       | 126                      | H        | $\vdash$ | ⊢            | ⊢            | ┝        | ┝        | H        | ⊢             | Н        |  |  |
|       | 128                      | H        | H        |              |              | -        | ┢        | H        | H             | Н        |  |  |
|       | 127<br>128<br>129        |          | $\vdash$ | _            | _            | ┢        | ┪        | Н        |               | Н        |  |  |
|       | 130<br>131               |          |          |              |              |          |          |          |               |          |  |  |
|       | 131                      | _        |          | $oxed{}$     |              |          |          | L        | L             | Ш        |  |  |
|       | 132                      |          | $\vdash$ | ┡            | $\vdash$     | <u> </u> | ⊢        | ⊢        | L             | $\vdash$ |  |  |
|       | 132<br>133<br>134        |          | $\vdash$ | H            | ┝            | ⊢        | ⊢        | ⊢        | H             | Н        |  |  |
|       | 135                      | _        | H        |              | -            |          | $\vdash$ | ┢        | ┢             | $\vdash$ |  |  |
|       | 136                      |          |          |              |              |          | Г        |          |               |          |  |  |
|       | 137                      |          |          |              |              |          |          |          |               |          |  |  |
|       | 138<br>139               |          |          |              |              | _        |          |          | L             |          |  |  |
|       | 139                      |          | $\vdash$ |              |              | <u> </u> | _        | <u> </u> | -             | Щ        |  |  |
|       | 141                      | $\vdash$ |          | H            | Н            | ⊢        | Н        | $\vdash$ | Н             | $\dashv$ |  |  |
|       | 142                      |          | -        | ┢            | ┢═           | Н        | Н        | ┢        | Н             | Н        |  |  |
|       | 143                      |          |          |              |              |          |          |          |               |          |  |  |
|       | 144                      |          |          |              | Ĺ            |          |          |          | $\Box$        |          |  |  |
|       | 145                      | L.,      | ļ.,      | L            | H            |          | L        | L        | L             | Щ        |  |  |
|       | 146<br>147               | Н        | _        | H            | H            | H        | $\vdash$ | $\vdash$ | $\vdash$      | dash     |  |  |
|       | 148                      | $\vdash$ | -        | <u> </u>     | H            | -        | $\vdash$ | H        | <del> </del>  | dash     |  |  |
|       | 149                      | Н        | _        | Н            | Н            | $\vdash$ | $\vdash$ | Н        | $\vdash$      | $\dashv$ |  |  |
|       | 150                      |          |          |              | П            | Г        | Т        | П        | П             | $\dashv$ |  |  |
|       |                          | _        |          |              |              | _        |          |          |               | لب       |  |  |